

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/177,819
Applicant (s) : Ying H. So, et al.
Filed : October 23, 1998
TC/A.U. : 1621
Examiner : Cynthia Hamilton
Title : ACID FUNCTIONAL POLYMERS BASED ON
BENZOCYCLOBUTENE
Docket No. : 43004A
Customer No. : 00109
Patent No. : 6,361,926
Issued : March 26, 2002

EXPRESS MAIL MAILING LABEL NO. EV 331476314 US
DATE OF DEPOSIT: March 24, 2004

MAIL STOP REISSUE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REISSUE PETITION, DECLARATION AND POWER OF ATTORNEY

We, Ying H. So, Robert A. DeVries, Mitchell G. Dibbs, Robert L. McGee, Edward O. Shaffer, II, Michael J. Radler, and Richard P. DeCaire, the named coinventors of U.S. Patent No. 6,361,926 ("the '926 patent"), and the applicants for reissue thereof, declare that:

1. I/We are citizens of the United States residing at 1524 Dilloway Drive, Midland, Michigan 48640, 3408 Greenbrier Terrace, Midland, Michigan 48642, 4410 Trailwood Circle South, Midland, Michigan 48642, 3606 Mary Jane Drive, Midland, Michigan 48642, 820 Honeysuckle Circle, Midland, Michigan 48642, 2712 Colony Drive, Midland, Michigan 48642, and , respectively.

2. I/We have reviewed and understand the contents of the specification, including the claims, and the preliminary amendment mailed on March 25, 2004, and believe that we are the original, first, and joint inventors of the "'926"

invention described and claimed in that specification and for which a reissue patent is being sought.

3. I/We make this declaration under 37 CFR §1.175 in support of this application for reissue of the '926 patent.

4. I/We believe that the '926 patent is partially inoperative or invalid by reason of claiming more or less than we had the right to claim in the patent and/or by reason of a defective specification. Specifically, in preparation of the application that led to the '926 patent certain errors were made. These errors were not discovered until after grant of the '926 patent when a subsequent patent dealing with similar subject matter was being prepared. Such errors arose without any deceptive intention on our part. Specifically, in calculating equivalent weights an error in calculation occurred. The equivalent weight for acid functionality in the polymers which are the subject matter of this application can be calculated as follows:

Step 1: Determine molecular weight of each comonomer being used.

Step 2: Determine mole fraction at which each comonomer is present in the polymer.

Step 3: Multiply the molecular weight of each comonomer by its respective mole fraction and add the products.

Step 4: Divide by the mole fraction at which acid functional comonomers are present.

In performing the calculations of equivalent weight in preparation of this application, step 4 was inadvertently omitted leading to incorrect equivalent weights appearing at several points in the '926 patent.

5. The reissue application is broadening in that the operative range for equivalent weight when properly calculated is broader than when the calculation was performed incorrectly.

6. I/We hereby acknowledge our duty to disclose to the Patent and Trademark Office information which is material to the patentability as defined in 37 CFR §1.56.

7. I/We hereby appoint the attorneys listed under our Customer No. 00109, of The Dow Chemical Company, as our principal attorneys of record in connection with the captioned patent, with full power to prosecute this application for reissue and to transact all business in the Patent and Trademark Office in connection therewith. All correspondence should be sent to the address associated with our Customer No. referenced above.

8. I/We hereby declare that we understand the English language, and that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon or any patent to which this declaration is directed.

Date _____

Ying H. So

Date _____

Robert A. DeVries

Date _____

Mitchell G. Dibbs

Date _____

Robert L. McGee

Date _____

Edward O. Shaffer, II

Date _____

Michael J. Radler

Date _____

Richard P. DeCaire

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EXPRESS MAIL MAILING LABEL NO. EV 331476314 US

DATE OF DEPOSIT: March 28, 2004

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SMZ 3/24/04

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

37 C.F.R. 3.73(b) Statement and Power of Attorney

Dow Global Technologies Inc., a corporation organized under the laws of the State of Delaware is the assignee of all right, title and interest in and to the United States Patent 6,361,926 by virtue of an unrecorded Transfer of Assignment from The Dow Chemical Company, a copy of which is attached, and by virtue of an assignment from the named inventors to The Dow Chemical Company which is recorded at Reel 012552/ Frame 0587. As an authorized representative of the assignee, I hereby appoint the attorney(s) and/or agent(s) at the following Customer No. 00109 to file and prosecute this reissue application and to transact all business in the Patent and Trademark Office in connection therewith. All correspondence should be sent to the address associated with our Customer No. referenced above.

Respectfully submitted,

P. O. Box 1967
Midland, MI 48641-1967


Philip D. Shepherd
President, Dow Global Technologies Inc.
Phone: (989) 638-7168

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Alexandria, VA 22313-1450

Sir:

CONSENT OF ASSIGNEE

Dow Global Technologies Inc., a corporation organized under the laws of the State of Delaware and the assignee of all right, title and interest in and to the United States Patent 6,361,926 by virtue of an unrecorded Transfer of Assignment from The Dow Chemical Company, a copy of which is attached, and by virtue of an assignment from the named inventors to The Dow Chemical Company which is recorded at Reel 012552/ Frame 0587, hereby consents to the filing of a reissue application for U.S. Patent 6,361,926.

Respectfully submitted,


Philip D. Shepherd
President, Dow Global Technologies Inc.
Phone: (989) 638-7168

P. O. Box 1967
Midland, MI 48641-1967

UNITED STATES OF AMERICA)
STATE OF Michigan) SS
County/Parish of Midland)

Ann Kretzer

My Commission Expires December 03, 2006

Ann Hunter

My Commission Expires December 03, 2006